

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 910  | 407/50,49,109,110.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 16:05 |
| L2    | 910  | L1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 16:05 |
| L3    | 41   | ("0447900"   "0534220"   "0602039"<br>  "0867275"   "0990068"  <br>"1342055"   "1422988"   "1707903"<br>  "1960319"   "2036656"  <br>"2253028"   "3065658"   "3242553"<br>  "3351998"   "3591305"  <br>"3728940"   "4221512"   "4836719"<br>  "4887945"   "4983078"  <br>"5163490"   "5267817"   "5516241"<br>  "5620284"   "5704741"  <br>"5820309"   "5839859").PN. OR<br>("6739807").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/07/19 16:08 |
| L4    | 8    | ("3815195"   "4213358"   "4583886"<br>  "5035544"   "5100268"  <br>"5899643"   "5975811"  <br>"6030153").PN. OR ("6558087").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/07/19 16:18 |
| L5    | 650  | 407/41,47.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 16:18 |
| L6    | 634  | L5  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/07/19 16:49 |
| L7    | 4    | (tool\$3 and (insert or cutter or<br>blade or bit) and rotat\$4 and recess<br>and elastic\$4 and inclin\$3).clm.  | US-PGPUB  | OR               | ON      | 2006/07/19 16:52 |
| L8    | 2    | (tool\$3 and (insert or cutter or<br>blade or bit) and rotat\$4 and recess<br>and elastic\$4 and inclin\$3 and<br>thread\$4).clm.   | US-PGPUB  | OR               | ON      | 2006/07/19 16:52 |
| S1    | 898  | 407/50,49,109,110.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 16:04 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S3  | 641  | 407/41,47.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 15:16 |
| S4  | 2    | ("6739807").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/16 11:46 |
| S5  | 4    | ("4040156").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/15 15:30 |
| S6  | 41   | ("0447900"   "0534220"   "0602039"<br>  "0867275"   "0990068"  <br>"1342055"   "1422988"   "1707903"<br>  "1960319"   "2036656"  <br>"2253028"   "3065658"   "3242553"<br>  "3351998"   "3591305"  <br>"3728940"   "4221512"   "4836719"<br>  "4887945"   "4983078"  <br>"5163490"   "5267817"   "5516241"<br>  "5620284"   "5704741"  <br>"5820309"   "5839859").PN. OR<br>("6739807").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/02/15 15:41 |
| S7  | 5890 | walsh.xp.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/02/15 15:41 |
| S8  | 1    | S4 and clamp  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 16:05 |
| S9  | 1    | S4 and deformable adj clamp   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 18:34 |
| S10 | 1618 | "l4" and shallow  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 18:34 |
| S11 | 2    | ("6739807").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/15 18:34 |

## EAST Search History

|     |    |                                  |   |    |     |                  |
|-----|----|----------------------------------|---|----|-----|------------------|
| S12 | 1  | S11 and shallow                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 18:36 |
| S13 | 1  | S11 and shallow same channel     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 18:50 |
| S14 | 1  | S11 and channel same chamfer\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/15 18:51 |
| S15 | 2  | ("6739807").PN.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/16 11:46 |
| S16 | 1  | S15 and clearance adj angle      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/16 12:25 |
| S17 | 1  | S15 and channel same angle       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/16 19:08 |
| S18 | 31 | "L1" and channel same chamfer\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/16 19:09 |
| S19 | 2  | ("6739807").PN.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/16 19:08 |
| S21 | 1  | S19 and chamfer\$3               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/16 19:09 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S22 | 41  | ("0447900"   "0534220"   "0602039"   "0867275"   "0990068"   "1342055"   "1422988"   "1707903"   "1960319"   "2036656"   "2253028"   "3065658"   "3242553"   "3351998"   "3591305"   "3728940"   "4221512"   "4836719"   "4887945"   "4983078"   "5163490"   "5267817"   "5516241"   "5620284"   "5704741"   "5820309"   "5839859").PN. OR ("6739807").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/02/17 09:04 |
| S23 | 535 | 408/232,713.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 09:39 |
| S24 | 82  | S23 and chamfer\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 09:39 |
| S25 | 28  | S23 and chamfer\$3 and slot  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 09:40 |
| S26 | 5   | S23 and chamfer\$3 and slot and elastic\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 10:09 |
| S27 | 641 | 407/41,47.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 10:09 |
| S28 | 2   | S27 and chamfer\$3 and slot and elastic\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 10:10 |
| S29 | 898 | 407/50,49,109,110.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/02/17 10:10 |

## EAST Search History

|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S30 | 6 | S29 and chamfer\$3 and slot and elastic\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/17 10:10 |
| S31 | 2 | ("6739807").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/17 10:25 |
| S32 | 1 | S31 and channel same chamfer\$3            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/02/17 13:26 |
| S33 | 2 | ("5839859").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/17 13:27 |
| S34 | 2 | ("5704741").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/17 13:27 |
| S35 | 2 | ("5820309").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/17 13:29 |
| S36 | 5 | ("3242553").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/17 13:29 |
| S37 | 2 | ("4887945").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:08 |
| S38 | 2 | ("0867275").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/09 20:14 |
| S39 | 3 | ("867275").URPN.                           | USPAT   | OR | ON  | 2005/08/09 20:16 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S40 | 2   | ("20040197155").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:26 |
| S41 | 2   | ("0447900").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 10:26 |
| S42 | 551 | 408/232,713.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/04/12 17:12 |
| S43 | 10  | ("20020057951"   "4547103"  <br>"5607263"   "5904455"   "5947660"<br>  "6053670"   "6059492"  <br>"6109841"   "6183688"  <br>"6485235").PN. OR ("6783308").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/04/12 17:12 |
| S44 | 20  | ("4684298"   "4728231"   "4950108"<br>  "5399051"   "5800101").PN. OR<br>("5947660").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/04/12 17:13 |
| S45 | 4   | ("2503951").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/07/14 14:49 |